

## CLAIMS

What is claimed is:

- 1           1.     A drive system for a motor vehicle, said drive system comprising:  
2           a drive shaft;  
3           a centrifugal mass mounted on said drive shaft for rotation about an axis  
4     and being profiled with an axial receiving space;  
5           an electrical machine comprising a rotor mounted on the centrifugal mass  
6     and a stator arranged radially with respect to said rotor; and  
7           at least one component accommodated in said receiving space.
- 1           2.     A drive system as in claim 1 wherein said electrical machine is  
2     mounted on a side of said centrifugal mass which is mounted to said drive shaft.
- 1           3.     A drive system as in claim 1 further comprising a housing having at  
2     least one part, said centrifugal mass and said electrical machine being arranged in said  
3     housing.
- 1           4.     A drive system as in claim 3 further comprising a stator bracket  
2     which attaches said stator to said housing.
- 1           5.     A drive system has in claim 4 further comprising a cooling channel  
2     in said stator bracket.
- 1           6.     A drive system as in claim 4 wherein said stator bracket bounds  
2     said receiving space radially.
- 1           7.     A drive system as in claim 1 wherein said centrifugal mass  
2     comprises a radially inner first area, a radially outer second area, and a third area  
3     connecting said first and second areas, which are offset both radially and axially.

1           8.     A drive system as in claim 7 wherein said first area and said third  
2 area bound two sides of said receiving space.

1           9.     A drive system as in claim 1 wherein said centrifugal mass  
2 comprises a first area and a second area which are connected to each other at an  
3 angle.

1           10.    A drive system as in claim 9 wherein said first area comprises an  
2 attachment area for attaching said centrifugal mass to said drive shaft, and said second  
3 area comprises an attachment area for attaching said rotor, said second area having at  
4 least one through opening.

1           11.    A drive system as in claim 9 wherein said first and second areas  
2 bound two sides of said receiving space.

1           12.    A drive system as in claim 1 further comprising a clutch, said clutch  
2 comprising said component accommodated in said receiving space.

1           13.    A drive system as in claim 12 wherein said clutch comprises a  
2 clutch disk arrangement, said clutch disk arrangement comprising said component in  
3 said receiving space.

1           14.    A drive system as in claim 12 wherein said clutch comprises an  
2 actuating device, said actuating device comprising said component accommodated in  
3 said receiving space.

1           15.    A drive system as in claim 14 wherein said actuating device  
2 comprises an actuator, said actuator comprising said component accommodated in said  
3 receiving space.

1           16.    A drive system as in claim 15 further comprising a housing having  
2 at least one part, said centrifugal mass and said electrical machine being arranged in

3 said housing, and a stator bracket attaching said stator to said housing, said stator  
4 bracket having an inner surface, said actuator comprising a cylinder formed by said  
5 inner surface.

1 17. A drive system as in claim 12 wherein said clutch comprises a  
2 diaphragm spring which is accommodated in said receiving space.

1 18. A drive system as in claim 1 wherein said at least one component  
2 comprises at least one torsion damper.

1 19. A drive system as in claim 1 wherein said electrical machine is a  
2 starter-generator.